

Appendix table 6-42.

Full-time S&E graduate students with a research assistantship as primary support mechanism, by field and primary source of support: 1997

| Field | Total number | Total percent | Number of research assistants | | Percent of research assistants | |
|--|---------------|---------------|-------------------------------|---------------|--------------------------------|-------------|
| | | | Federal | Non-Federal | Federal | Non-Federal |
| TOTAL SCIENCE & ENGINEERING | | | | | | |
| Total science | 88,045 | 100.0 | 43,187 | 44,858 | 49.1 | 50.9 |
| Physical sciences | 61,171 | 69.5 | 30,494 | 30,677 | 49.9 | 50.1 |
| Astronomy | 11,321 | 12.9 | 8,139 | 3,182 | 71.9 | 28.1 |
| Chemistry | 355 | 0.4 | 278 | 77 | 78.3 | 21.7 |
| Physics | 6,464 | 7.3 | 4,387 | 2,077 | 67.9 | 32.1 |
| Other | 4,442 | 5.0 | 3,437 | 1,005 | 77.4 | 22.6 |
| Mathematics | 60 | 0.1 | 37 | 23 | 61.7 | 38.3 |
| Computer sciences | 1,407 | 1.6 | 643 | 764 | 45.7 | 54.3 |
| Environmental sciences | 4,035 | 4.6 | 2,432 | 1,603 | 60.3 | 39.7 |
| Atmospheric sciences | 4,275 | 4.9 | 2,618 | 1,657 | 61.2 | 38.8 |
| Earth sciences | 630 | 0.7 | 556 | 74 | 88.3 | 11.7 |
| Oceanography | 1,928 | 2.2 | 1,108 | 820 | 57.5 | 42.5 |
| Other | 1,144 | 1.3 | 748 | 396 | 65.4 | 34.6 |
| Life sciences | 573 | 0.7 | 206 | 367 | 36.0 | 64.0 |
| Agricultural sciences | 28,574 | 32.5 | 13,772 | 14,802 | 48.2 | 51.8 |
| Biological sciences | 5,088 | 5.8 | 1,624 | 3,464 | 31.9 | 68.1 |
| Medical sciences | 18,648 | 21.2 | 10,331 | 8,317 | 55.4 | 44.6 |
| Other | 2,992 | 3.4 | 1,281 | 1,711 | 42.8 | 57.2 |
| Psychology | 1,846 | 2.1 | 536 | 1,310 | 29.0 | 71.0 |
| Social sciences | 4,839 | 5.5 | 1,477 | 3,362 | 30.5 | 69.5 |
| Anthropology | 6,720 | 7.6 | 1,413 | 5,307 | 21.0 | 79.0 |
| Economics | 470 | 0.5 | 97 | 373 | 20.6 | 79.4 |
| History of science | 1,869 | 2.1 | 517 | 1,352 | 27.7 | 72.3 |
| Linguistics | 15 | 0.0 | 0 | 15 | 0.0 | 100.0 |
| Political science | 203 | 0.2 | 43 | 160 | 21.2 | 78.8 |
| Sociology | 1,380 | 1.6 | 107 | 1,273 | 7.8 | 92.2 |
| Other | 988 | 1.1 | 233 | 755 | 23.6 | 76.4 |
| Total engineering | 26,874 | 30.5 | 12,693 | 14,181 | 47.2 | 52.8 |
| Aeronautical/astronautical | 1,225 | 1.4 | 793 | 432 | 64.7 | 35.3 |
| Chemical | 2,969 | 3.4 | 1,316 | 1,653 | 44.3 | 55.7 |
| Civil | 3,971 | 4.5 | 1,423 | 2,548 | 35.8 | 64.2 |
| Electrical/electronics | 7,486 | 8.5 | 3,726 | 3,760 | 49.8 | 50.2 |
| Industrial | 1,264 | 1.4 | 366 | 898 | 29.0 | 71.0 |
| Mechanical | 4,355 | 4.9 | 2,225 | 2,130 | 51.1 | 48.9 |
| Materials | 2,376 | 2.7 | 1,328 | 1,048 | 55.9 | 44.1 |
| Other | 3,228 | 3.7 | 1,516 | 1,712 | 47.0 | 53.0 |

SOURCE: National Science Foundation, Division of Science Resources Studies (NSF/SRS), Survey of Graduate Students and Postdoctorates in Science and Engineering, special tabulations, 1997.

See page 6-37 in Volume 1.

Science & Engineering Indicators – 2000